

**THIRD QUARTER 2004  
GROUNDWATER MONITORING REPORT**

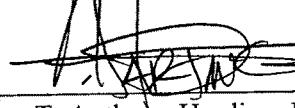
**Exide Technologies Facility  
2700 South Indiana Street  
Los Angeles, California**

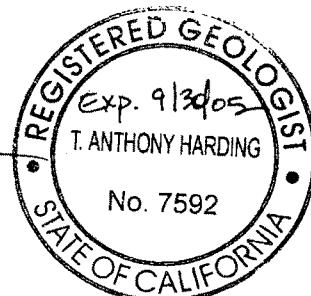
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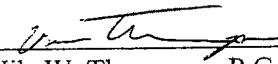
**Exide Technologies  
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 MACTEC

## **2.0 GROUNDWATER MONITORING PROGRAM**

### **2.1 GROUNDWATER MEASUREMENTS AND SAMPLING**

Personnel from MACTEC measured the depth to groundwater in monitoring wells MW-5 and MW-8 through MW-15, and pumping wells PW-1 and PW-2 using an electronic interface probe on August 30, 2004. These measurements were made from a surveyed reference point on the top of each well casing. On August 30, 2004, groundwater was measured between approximately 74 to 86 feet below ground surface. Following the measurement of the depth to groundwater, the wells were purged and sampled using the field procedures and equipment described in Appendix A. The wells were purged using manual bailing techniques and approximately three casing volumes were removed from each well (unless the well purged dry) prior to sampling. The groundwater samples were collected on August 31, 2004, labeled, logged onto a chain-of-custody document, and placed in a cooler for transport and delivery to a California state-certified analytical laboratory. The field data sheets are also included in Appendix A.

### **2.2 LABORATORY ANALYSIS**

The groundwater samples collected the Third Quarter 2004 were submitted to Associated Laboratories, an independent, California state-certified laboratory located in Orange, California, for analysis. The samples were analyzed for VOCs using EPA Method 8260B, metals (arsenic, cadmium, lead, and zinc) using EPA Method 6010, turbidity using EPA Method 180.1, sulfate using EPA Method 300.0, and pH using EPA Method 150.1. The laboratory reports and chain-of-custody documents are included in Appendix B.

### **2.3 FINDINGS – GROUNDWATER ELEVATION DATA**

The current and historical depth-to-water data for the Facility, including the Third Quarter 2004 data, are shown in Tables 1 and 2. Figure 2 shows the groundwater elevations and contours for the August 30, 2004 monitoring event. Based on the groundwater elevation data collected this quarter, the apparent groundwater flow direction is primarily towards the southeast in that portion of the Facility and it appears relatively flat on the western portion of the Facility.

### **2.4 FINDINGS – ANALYTICAL RESULTS**

#### **2.4.1 Volatile Organic Compounds**

The Third Quarter 2004 analytical data showed that trichloroethene (TCE) was detected at concentrations of up to 2,030 micrograms per liter ( $\mu\text{g}/\text{L}$ ) in Well MW-11 (Product Storage warehouse) in the southeast portion of the Facility (Table 1). It appears that TCE attenuates in the hydraulically downgradient

direction (460 µg/L in Well MW-15). TCE was also detected at up to 25 µg/L in the southwestern portion of the Facility (Figure 3). TCE is the primary VOC that has been detected at the Facility that exceeds the maximum contaminant level (MCL). However, benzene (at a maximum concentration of 6.8 µg/L) and cis-1,2-dichloroethene (at a maximum concentration of 24 µg/L) were also detected at concentrations that exceed their respective MCLs. The laboratory report and chain-of-custody documents are included in Appendix B.

#### **2.4.2 Turbidity and pH**

The Third Quarter 2004 turbidity measured in the groundwater samples ranged from 1.6 Nephelometric Turbidity Units (NTUs) (in Well MW-5) to 2,100 NTUs (in Well MW-9). The pH values varied across the Facility and ranged from 3.11 Standard Units (s.u.) (in Well MW-8) to 6.82 s.u. (in Well MW-9). The laboratory values measured during this monitoring event are presented on Figure 4. The pH values were reported at 3.51 s.u. in the Well PW-1 and 6.38 s.u. in Sample MW-D, which was a duplicate sample collected from Well PW-1. Low pH was also reported in the sample collected from Well MW-13 (3.17 s.u.). The pH in all of the other wells sampled ranged from 5.77 s.u. to 6.82 s.u. in the other wells sampled. These data are included along with the historical data in Table 2. The field measurements are included in Appendix A and the laboratory report and chain-of-custody documents are included in Appendix B.

#### **2.4.3 Metals and Sulfate**

Third Quarter 2004 cadmium, lead, and zinc were detected in Wells MW-5, MW-8, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15, PW-1, and PW-2 at concentrations that exceeded their respective MCLs and/or the secondary MCLs. The highest concentration of cadmium (363 µg/L) and zinc (299,000 µg/L) were detected in Well MW-5. The highest concentration of lead (754 µg/L) was detected in Well MW-10. The lead and zinc concentrations detected in groundwater this quarter are contoured on Figures 5 and 6. The only well in which arsenic was detected at a concentration exceeding the MCL was MW-9 (57 µg/L). Sulfate was detected above the recommended secondary MCL of 250 mg/L (as well as the upper- [500 mg/L] and short-term [600 mg/L] ranges) in Wells MW-5, MW-8, MW-10 through MW-15, PW-1, and PW-2. The sulfate concentrations detected during this quarter ranged from 596 mg/L to 5,640 mg/L. A summary of the analytical data for the groundwater samples collected over time is tabulated in Table 2.

## **2.5 SUMMARY AND CONCLUSIONS**

VOCs and metals are present in groundwater beneath the Facility at concentrations that exceed drinking water standards. These analytes may extend off site to the south and southeast. The concentrations detected during the Third Quarter 2004 monitoring event are consistent with the historical concentrations detected during previous monitoring events.

TABLE 2. RESULTS OF GROUNDWATER MONITORING DATA COLLECTED OVER TIME  
Exide Technologies Facility, 2700 South Indiana Street, Los Angeles, CA

Well I.D.	Date Sampled	Casing Elevation (ft RMSL)	Depth to Groundwater (ft)	Groundwater Elevation (ft RMSL)	EPA Method 8260 ( $\mu\text{g/L}$ )												EPA Method 6010 ( $\mu\text{g/L}$ )				EPA Method 180.1 (NTU)	EPA Method 150.1	EPA Method 375.4 (mg/L)		
					Benzene	Chloroform	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	Naphthalene	PCE	Toluene	TCE	1,2,4-TMB	1,3,5-TMB	Total Xylenes	Arsenic	Cadmium	Lead	Zinc	Turbidity	pH	Sulfate	
MW-5	8/19/1996	NA	NA	NA	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NA	9.1	ND<2.0	NA	4.4	8.5	2.6	9.9	ND<10	370	ND<5	260	78	7.49	27,000	
MW-5	5/28/1997	NA	NA	NA	0.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	8.2	ND<0.5	NA	2.4	5.8	1.7	6.7	ND<2.0	334	182	309,100	130	6.67	2,840	
MW-5	8/8/1997	NA	NA	NA	0.93	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	19	ND<0.5	NA	9.2	13	3.7	15	ND<2	523	26	462,000	190	6.03	3,320	
MW-5	11/6/1997	NA	NA	NA	1.8	0.72	ND<0.5	0.62	ND<0.5	NA	29	ND<0.5	NA	16	25	8.4	29	ND<250	598	537	384,000	100	5.69	3,330	
MW-5	6/19/1998	NA	NA	NA	1.6	0.65	ND<0.5	ND<0.5	ND<0.5	NA	31	ND<0.5	NA	11	21	5.0	22	ND<250	451	573	387,000	186	5.83	3,350	
MW-5	9/22/1998	NA	NA	NA	1.5	0.5	ND<0.5	ND<0.5	ND<0.5	NA	33	ND<0.5	NA	11	ND<0.5	6.6	27	ND<500	512	ND<500	371,000	61	5.78	3,410	
MW-5	12/9/1998	NA	NA	NA	1.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	32	ND<0.5	NA	8.6	17	5.1	20	ND<250	662	2,070	51,900	75	5.68	3,560	
MW-5	3/11/1999	NA	NA	NA	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	42	ND<0.5	NA	9.9	19	5.4	20	ND<250	648	438	562,000	46	5.82	3,600	
MW-5	5/25/1999	NA	NA	NA	1.0	0.62	ND<0.5	0.52	ND<0.5	NA	52	ND<0.5	NA	15	27	6.7	23	ND<500	523	ND<500	506,000	27	5.47	4,290	
MW-5	9/2/1999	NA	NA	NA	1.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	40	ND<0.5	NA	11	16	5.0	8.2	ND<5	370	ND<50	580,000	2.9	5.6	3,400	
MW-5	11/30/1999	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	11	ND<0.5	NA	4.2	8.4	6.1	6.8	ND<5	300	100	280,000	16	6.3	3,000	
MW-5	6/9/2000	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	6.8	ND<0.5	NA	3.7	6.3	1.4	4.5	ND<5	260	11	190,000	12	6.1	640	
MW-5	8/25/2002	NA	NA	NA	0.63	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	7.5	ND<0.5	NA	5.0	8.4	3.2	6.4	ND<20	230	22	210,000	40	5.8	3,900	
MW-5	11/16/2000	NA	NA	NA	1.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0.5	NA	7.7	2.7	0.62	2.56	ND<5	300	36	400,000	330	6.0	3,700	
MW-5	3/13/2001	NA	NA	NA	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0.5	NA	9.3	0.88	1.4	3.2	ND<5	250	6.8	ND<50	239	5.9	4,500	
MW-5	6/4/2001	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0.5	NA	6.4	ND<0.5	0.62	1.9	ND<5	340	290	420,000	110	5.9	4,500	
MW-5	8/16/2001	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0.5	NA	4.7	ND<0.5	ND<0.5	ND<1	ND<5	360	36	550,000	43	5.93	3,400	
MW-5	6/5/2002	173.81	75.06	98.75	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.7	ND<1.0	ND<1.0	ND<1.0	ND<15	579	272	1,260,000	14	6.2	3,600	
MW-5	9/20/2002	173.81	75.41	98.40	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.1	ND<1.0	ND<1.0	ND<1.0	ND<10	532	264	1,620,000	570	5.66	4,500	
MW-5	3/27/2003	173.81	76.35	97.46	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	503	330	1,270,000	95	5.74	3,900	
MW-5	7/23/2003	173.81	77.11	96.70	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1,470	949,000	500	5.5	4,600		
MW-5	9/18/2003	173.81	84.65	89.16	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	406	2,050	901,000	47	6.08	1,200	
MW-5	12/31/2003	173.81	77.11	96.70	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	525	1930	849,000	35	5.72	3,400	
MW-5	3/11/2004	173.81	77.05	96.76	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	525	450	869,000	790	5.87	4,200	
MW-5	6/28/2004	173.81	77.12	96.69	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	12	389	693	317,000	11.5	5.71	5,130
MW-5	8/30/2004	173.81	77.31	96.50	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	8	363	400	299,000	1.6	5.77	5,230
MW-8	8/19/1996	NA	NA	NA	3.3	ND<2.0	ND<2.0	ND<2.0	6.7	ND<2.0	NA	3.4	ND<2.0	NA	12	ND<2.0	ND<2.0	5.0	100	160	ND<5	38,000	23	7.22	4,700
MW-8	5/28/1997	NA	NA	NA	1.6	ND<0.5	ND<0.5	ND<0.5	6.0	ND<0.5	NA	1.7	0.61	NA	15	6.3	1.4	8.2	ND<2.0	175	26	30,800	280	3.11	5,080
MW-8	8/8/1997	NA																							

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					Benzene	Chloroform	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	Naphthalene	PCE	Toluene	TCE	1,2,4-TMB	1,3,5-TMB	Total Xylenes	Arsenic	Cadmium	Lead	Zinc	Turbidity	pH	Sulfate			
MW-9	8/25/2000	NA	NA	NA	ND<0.5	ND<0.5	0.9	1.4	ND<0.5	NA	ND<2	7.1	NA	3.4	ND<0.5	ND<0.5	ND<1.5	ND<20	ND<6.0	ND<5.0	390	4.4	6.63	320			
MW-9	11/15/2000	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	NA	ND<2	3.7	NA	2.7	0.88	ND<0.5	ND<1.5	ND<5	ND<5	ND<5	ND<5	360	45.3	6.84	360		
MW-9	3/13/2001	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	4.4	NA	2.1	ND<0.5	ND<0.5	ND<1	ND<5	ND<6	ND<5	440	4.85	6.87	440			
MW-9	6/1/2001	NA	NA	NA	ND<0.5	ND<0.5	0.63	ND<0.5	ND<0.5	NA	ND<2	3.3	NA	1.4	ND<0.5	ND<0.5	ND<1	ND<5	ND<6	ND<5	630	ND<1	6.39	570			
MW-9	8/16/2001	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	0.84	NA	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	ND<6	ND<5	ND<5	230	3.6	6.88	170		
MW-9	12/5/2001	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0.5	NA	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	6	ND<5	ND<5	1,900	32	6.6	420		
MW-9	3/26/2002	180.38	77.31	103.07	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5	160	ND<5	50,000	1,300	6.42	910			
MW-9	6/5/2002	180.38	83.31	97.07	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	31.6	ND<10.0	13,300	110		
MW-9	9/20/2002	180.38	84.88	95.50	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	25.7	ND<10.0	10,600	4,200	
MW-9	12/26/2002	180.38	85.37	95.01	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	22.5	ND<10.0	8,510	5,400	
MW-9	3/27/2003	180.38	85.45	94.93	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	23.8	ND<10.0	8,300	1,900	
MW-9	7/23/2003	180.38	85.53	94.85	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	9.2	ND<10.0	3,340	560	
MW-9	9/18/2003	180.38	84.72	95.66	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<10.0	38,141	NA	
MW-9	12/31/2003	180.38	84.70	95.68	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	9.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.64	11.8	3,230	6.41
MW-9	3/11/2004	180.38	84.98	95.40	ND<0.50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	55.1	ND<10.0	22,900	5.95	
MW-9	6/28/2004	180.38	84.77	95.61	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	8	175	3,500	7.59	
MW-9	8/30/2004	180.38	85.42	94.96	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	57	89	99	57,000	
MW-10	8/19/1996	NA	NA	NA	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NA	ND<2.0	2.2	NA	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5	ND<50	450	NA	
MW-10	5/28/1997	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	1.9	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	17	20	22	1,800
MW-10	8/8/1997	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	2.0	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	27	17	35	1,320
MW-10	11/6/1997	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	1.7	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<250	37	ND<50	517	2,400
MW-10	3/3/1998	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	0.5	1.6	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<250	32	ND<100	32	6.38
MW-10	6/18/1998	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	0.69	2.0	NA	0.97	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<250	ND<50	ND<50	ND<50	1,240
MW-10	9/22/1998	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<100	46	212	67	2,700	
MW-10	12/9/1998	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<100	73	582	508	1,400	
MW-10	3/11/1999	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<250	ND<50	ND<250	76	700	
MW-10	5/25/1999	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5	2.3	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<250	55	ND<250	109	1,700
MW-10	9/2/1999	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	0.94	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	22	ND<50	ND<50	12
MW-10	11/30/1999	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0.5	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	12	ND<5	ND<50	13
MW-10	3/10/2000	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<2	ND<0															

TABLE 2. RESULTS OF GROUNDWATER MONITORING DATA COLLECTED OVER TIME  
Exide Technologies Facility, 2700 South Indiana Street, Los Angeles, CA

Well I.D.	Date Sampled	Casing Elevation (ft RMSL)	Depth to Groundwater (ft)	Groundwater Elevation (ft RMSL)	EPA Method 8260 ( $\mu\text{g/L}$ )													EPA Method 6010 ( $\mu\text{g/L}$ )				EPA Method 180.1 (NTU)	EPA Method 150.1	EPA Method 375.4 (mg/L)	
					Benzene	Chloroform	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	Naphthalene	PCE	Toluene	TCE	1,2,4-TMB	1,3,5-TMB	Total Xylenes	Arsenic	Cadmium	Lead	Zinc	Turbidity	pH	Sulfate	
MW-11	12/26/2002	174.19	79.90	94.29	ND<5.0	33	ND<5.0	ND<10	ND<10	ND<10	ND<100	ND<10	ND<10	1,400	ND<10	ND<10	ND<10	ND<15.0	ND<5.0	ND<10.0	35.9	1,500	6.66	1,100	
MW-11	3/27/2003	174.19	79.97	94.22	ND<5.0	34	ND<5.0	10	2.3	ND<1.0	ND<10	1.3	ND<1.0	1,300	ND<1.0	ND<1.0	ND<1.0	ND<15.0	ND<5.0	ND<10.0	180	110	6.66	810	
MW-11	7/23/2003	174.19	80.25	93.94	ND<5.0	30	ND<5.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	1,400	ND<10	ND<10	ND<10	ND<15.0	ND<5.0	ND<10.0	166	320	6.5	1,300	
MW-11	9/18/2003	174.19	80.25	93.94	ND<5.0	27	ND<5.0	ND<10	ND<10	ND<10	ND<100	ND<10	ND<10	930	ND<10	ND<10	ND<10	ND<15.0	ND<5.0	ND<10.0	94.6	180	6.66	1,400	
MW-11	12/31/2003	174.19	79.76	94.43	ND<5.0	26	ND<5.0	ND<10	ND<10	ND<10	ND<100	ND<10	ND<10	1,200	ND<10	ND<10	ND<10	ND<15.0	ND<5.0	ND<10.0	11.6	50.9	550	6.52	1,100
MW-11	3/11/2004	174.19	79.88	94.31	ND<5.0	30	ND<5.0	12	ND<10	ND<100	ND<10	ND<10	ND<10	1,500	ND<10	ND<10	ND<10	ND<15.0	ND<5.0	ND<10.0	ND>10	790	6.6	1,100	
MW-11	6/28/2004	174.19	79.91	94.28	ND<1	33	ND<5	14	ND<5	ND<5	ND<5	ND<5	ND<5	1,790	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	10	61	20.5	6.67	1,370
MW-11	8/30/2004	174.19	79.95	94.24	ND<1	ND<5	19	4.7 J	ND<5	ND<5	ND<5	ND<5	ND<5	2,030	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	17 J	69.2	6.75	1,410
MW-12	8/19/1996	NA	NA	NA	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NA	ND<2.0	ND<2.0	NA	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<10	ND<5	50	34	7.95	23,000	
MW-12	5/28/1997	NA	NA	NA	ND<5.0	1.5	ND<5.0	ND<5.0	ND<5.0	NA	0.79	1.8	NA	5.0	ND<5	ND<5	ND<1.0	ND<2.0	ND<10	ND<5	10	600	7.55	2,380	
MW-12	8/8/1997	NA	NA	NA	ND<5.0	1.8	ND<5.0	ND<5.0	ND<5.0	NA	ND<5.0	1.7	NA	10	ND<5	ND<5	ND<1	ND<2	ND<10	ND<5	13	440	6.99	2,300	
MW-12	11/6/1997	NA	NA	NA	ND<5.0	1.5	ND<5.0	ND<5.0	ND<5.0	NA	ND<5.0	1.3	NA	7.6	ND<5	ND<5	ND<1	ND<250	ND<20	ND<100	20	510	6.75	2,100	
MW-12	3/3/1998	NA	NA	NA	ND<5.0	1.5	ND<5.0	ND<5.0	ND<5.0	NA	0.5	1.2	NA	15	ND<5	ND<5	ND<1.0	ND<250	ND<20	ND<100	20	1.4	7.46	1,940	
MW-12	6/19/1998	NA	NA	NA	ND<5.0	1.8	ND<5.0	ND<5.0	ND<5.0	NA	1.3	1.4	NA	13	ND<5	ND<5	ND<1.0	ND<250	ND<50	ND<250	2,450	1,000	6.61	2,240	
MW-12	9/22/1998	NA	NA	NA	ND<5.0	1.2	ND<5.0	ND<5.0	ND<5.0	NA	ND<5.0	0.79	NA	21	ND<5	ND<5	ND<1	ND<100	ND<20	ND<100	950	900	6.6	2,390	
MW-12	12/9/1998	NA	NA	NA	ND<5.0	1.2	ND<5.0	ND<5.0	ND<5.0	NA	ND<5.0	0.55	NA	23	ND<5	ND<5	ND<5	ND<50	ND<50	ND<250	100	1,600	1,500	6.71	2,100
MW-12	3/11/1999	NA	NA	NA	ND<5.0	1.9	ND<5.0	ND<5.0	ND<5.0	NA	ND<5.0	0.74	NA	30	ND<5	ND<5	ND<1.0	ND<250	ND<50	ND<250	90	600	6.76	2,380	
MW-12	5/25/1999	NA	NA	NA	ND<5.0	2.4	ND<5.0	ND<5.0	ND<5.0	NA	1	0.68	NA	56	ND<5	ND<5	ND<1.0	ND<250	ND<50	ND<250	100	1,600	1,500	6.82	2,290
MW-12	9/3/1999	NA	NA	NA	ND<5.0	3.0	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	0.69	NA	49	ND<5	ND<5	ND<0.5	ND<5	ND<10	ND<50	50	ND<1	6.4	2,200	
MW-12	11/30/1999	NA	NA	NA	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	27	ND<5	ND<5	ND<1	ND<5	ND<6	ND<5	64	6.1	6.9	2,300	
MW-12	3/9/2000	NA	NA	NA	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	2	1.3	NA	14	1.4	0.61	ND<1	ND<2	ND<5	ND<5	50	70	6.96	1,520	
MW-12	6/9/2000	NA	NA	NA	ND<5.0	2.0	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	29	ND<5	ND<5	ND<1	ND<5	ND<6	ND<5	50	1.9	6.8	3,100	
MW-12	8/25/2000	NA	NA	NA	ND<5.0	1.5	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	0.64	NA	30	ND<5	ND<5	ND<1.5	ND<20	ND<6	ND<5	1,600	42	6.28	3,100	
MW-12	11/15/2000	NA	NA	NA	ND<5.0	1.3	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	34	ND<5	ND<5	ND<1.5	ND<5	ND<6	ND<5	50	29.8	6.58	3,300	
MW-12	3/13/2001	NA	NA	NA	ND<5.0	1.5	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	74	ND<5	ND<5	ND<1	ND<5	ND<6	ND<5	50	54.4	6.48	2,200	
MW-12	6/4/2001	NA	NA	NA	ND<5.0	1.1	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	30	ND<5	ND<5	ND<1	ND<5	ND<6	ND<5	50	32	6.51	3,100	
MW-12	8/17/2001	NA	NA	NA	ND<5.0	0.7	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	25	ND<5	ND<5	ND<1	ND<5	ND<6	ND<5	50	1,200	150	6.56	2,300
MW-12	12/5/2001	NA	NA	NA	ND<5.0	1.0	ND<5.0	ND<5.0	ND<5.0	NA	ND<2	ND<5	NA	9.7	ND<5	ND<5	ND<1	ND<5	ND<6	ND<5	50	1,800	6.21	3,300	
MW-12	3/26/2002</																								

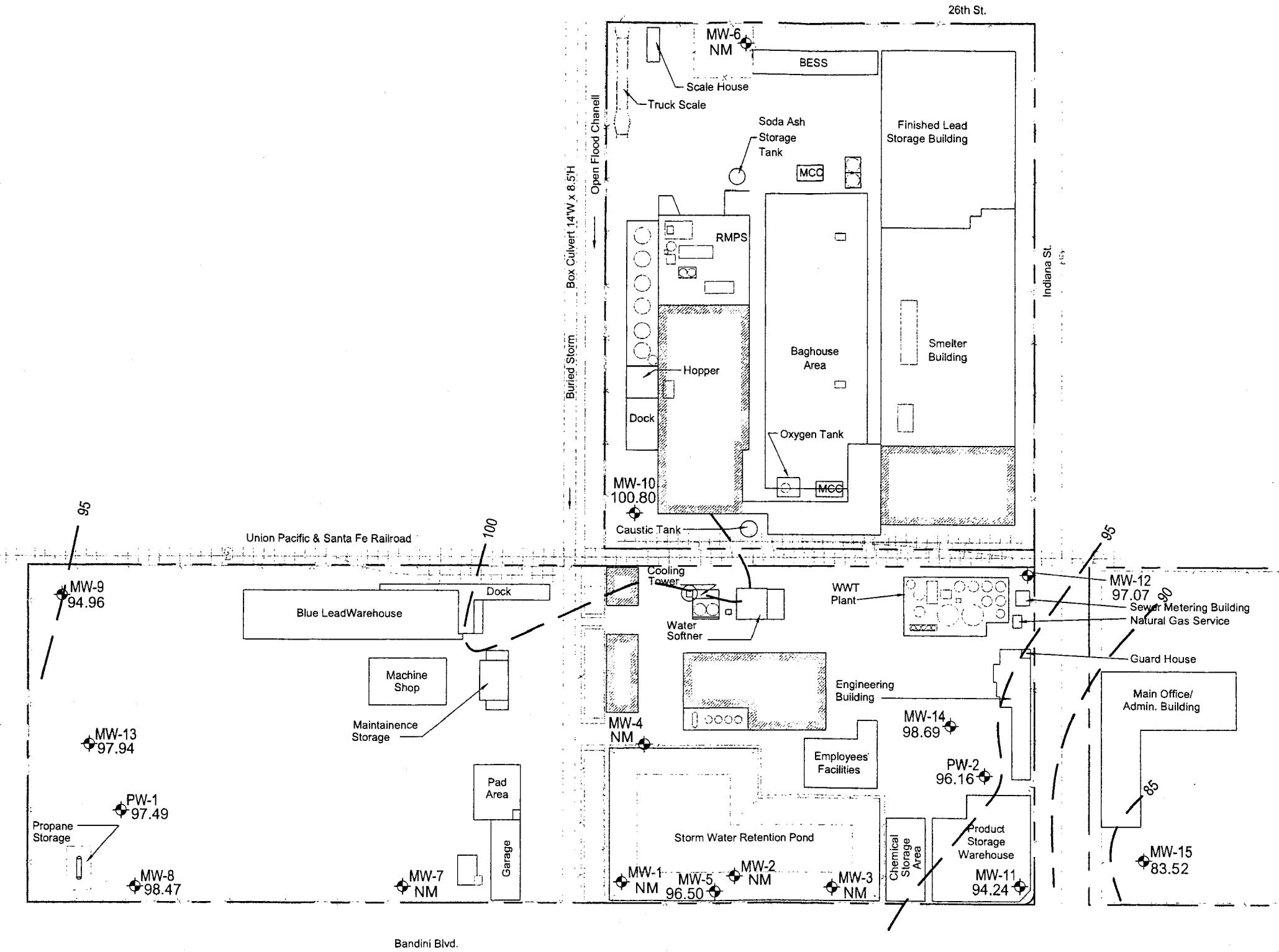
TABLE 2. RESULTS OF GROUNDWATER MONITORING DATA COLLECTED OVER TIME  
Exide Technologies Facility, 2700 South Indiana Street, Los Angeles, CA

Well I.D.	Date Sampled	Casing Elevation (ft RMSL)	Depth to Groundwater (ft)	Groundwater Elevation (ft RMSL)	EPA Method 8260 ( $\mu\text{g/L}$ )												EPA Method 6010 ( $\mu\text{g/L}$ )				EPA Method 180.1 (NTU)	EPA Method 150.1	EPA Method 375.4 (mg/L)			
					Benzene	Chloroform	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	Naphthalene	PCE	Toluene	TCE	1,2,4-TMB	1,3,5-TMB	Total Xylenes	Arsenic	Cadmium	Lead	Zinc	Turbidity	pH	Sulfate		
MW-14	8/19/1996	NA	NA	NA	ND<2.0	7.7	ND<2.0	ND<2.0	ND<2.0	NA	ND<2.0	NA	760	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<10	ND<5	540	2.8	7.31	29,000			
MW-14	5/28/1997	NA	NA	NA	ND<0.5	9.6	ND<0.5	2.2	0.86	NA	ND<0.5	1.4	NA	1,000	ND<0.5	ND<0.5	ND<1.0	ND<2.0	26	5.0	1,000	21	7.17	3,340		
MW-14	8/8/1997	NA	NA	NA	ND<0.5	13	ND<0.5	3.1	1.3	NA	ND<0.5	1.6	NA	1,200	ND<0.5	ND<0.5	ND<1	ND<2	12	ND<5	316.0	22	6.70	2,640		
MW-14	11/6/1997	NA	NA	NA	ND<0.5	14	ND<0.5	3.2	1.4	NA	ND<0.5	1.2	NA	1,200	ND<0.5	ND<0.5	ND<1	ND<250	ND<20	ND<100	131.0	16	6.72	1,960		
MW-14	3/4/1998	NA	NA	NA	ND<10	19	ND<10	ND<10	ND<10	NA	ND<10	ND<10	NA	1,400	ND<10	ND<10	ND<30	ND<250	ND<20	ND<100	133.0	3.6	6.80	2,010		
MW-14	6/19/1998	NA	NA	NA	ND<0.5	23	ND<0.5	4.2	1.5	NA	ND<0.5	1.8	NA	1,500	ND<0.5	ND<0.5	ND<1	ND<250	ND<50	ND<250	ND<250	172	29	6.55	2,030	
MW-14	9/22/1998	NA	NA	NA	ND<30	33	ND<30	ND<30	ND<30	NA	ND<30	ND<30	NA	1,500	ND<30	ND<30	ND<50	ND<100	ND<20	ND<100	265	3.0	6.56	2,070		
MW-14	12/9/1998	NA	NA	NA	ND<0.5	32	ND<0.5	4.6	1.7	NA	ND<0.5	1.8	NA	1,800	ND<0.5	ND<0.5	ND<1	ND<50	ND<10	ND<50	ND<50	358	126	0.80	6.75	1,680
MW-14	3/11/1999	NA	NA	NA	ND<0.5	34	ND<0.5	4.6	1.9	NA	ND<0.5	1.8	NA	1,600	ND<0.5	ND<0.5	ND<1.0	ND<250	ND<50	ND<250	ND<250	189	5.2	6.76	2,250	
MW-14	5/25/1999	NA	NA	NA	ND<0.5	53	ND<0.5	7.0	3.2	NA	280	2.1	NA	2,500	67	ND<0.5	ND<1.0	ND<250	ND<50	ND<250	ND<250	644	4.6	6.91	1,390	
MW-14	9/2/1999	NA	NA	NA	ND<0.5	55	ND<0.5	9.2	3.6	NA	ND<2	1.8	NA	2,400	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<10	ND<50	ND<50	50	ND<1	6.60	1,000	
MW-14	11/29/1999	NA	NA	NA	ND<0.5	17	ND<0.5	2.9	1.2	NA	ND<2	1.1	NA	820	ND<0.5	ND<0.5	ND<1	ND<5	ND<6	ND<5	3,300	5.6	6.7	3,300		
MW-14	3/9/2000	NA	NA	NA	ND<0.5	20	ND<0.5	5.7	2.2	NA	ND<0.5	1.5	NA	1,100	ND<0.5	ND<0.5	ND<1	ND<2	17	22	860	7.9	6.98	2,540		
MW-14	6/9/2000	NA	NA	NA	ND<10	24	ND<10	ND<10	ND<10	NA	ND<40	ND<10	NA	1,300	ND<10	ND<10	ND<20	ND<5	60	ND<5	68	16	6.8	1,100		
MW-14	8/25/2000	NA	NA	NA	ND<0.5	21	ND<0.5	9.8	4.3	NA	ND<2	1.4	NA	2,000	ND<0.5	ND<0.5	ND<1.5	ND<20	ND<6	ND<5	78	6.9	6.76	970		
MW-14	11/16/2000	NA	NA	NA	ND<0.5	17	ND<0.5	8.4	4.1	NA	ND<2	1.1	NA	1,100	ND<0.5	ND<0.5	ND<1.5	ND<5	34	12	280	41.2	6.47	2,100		
MW-14	3/13/2001	NA	NA	NA	ND<0.5	21	ND<0.5	12	6.6	NA	ND<2	1.1	NA	1,500	ND<0.5	ND<0.5	ND<1	ND<5	ND<6	ND<5	22	86	42.5	6.46	1,500	
MW-14	6/4/2001	NA	NA	NA	ND<0.5	19	ND<0.5	10	5.9	NA	ND<10	ND<2.5	NA	1,400	ND<2.5	ND<2.5	ND<5	ND<5	13	64	270	33	6.43	1,900		
MW-14	8/17/2001	NA	NA	NA	ND<0.5	15	ND<0.5	7.3	4.4	NA	ND<10	ND<2.5	NA	1,000	ND<2.5	ND<2.5	ND<5	ND<5	14	10	390	39	6.45	1,700		
MW-14	12/4/2001	NA	NA	NA	ND<0.5	11	ND<0.5	5.0	2.6	NA	ND<10	ND<2.5	NA	650	ND<2.5	ND<2.5	ND<5	ND<5	37	24	1,500	36	6.42	1,800		
MW-14	3/26/2002	173.23	74.28	98.95	ND<1	13	ND<1	5.0	3.3	ND<1.0	ND<4	ND<1	710	ND<1	ND<1	ND<2	ND<5	68	90	5,300	110	6.00	3,900			
MW-14	6/5/2002	173.23	74.30	98.93	ND<2.5	9.0	ND<5.0	6.5	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	570	ND<5.0	ND<5.0	ND<15.0	49	43.3	4,140	11	5.89	2,600			
MW-14	9/20/2002	173.23	74.52	98.71	ND<2.5	9.2	ND<2.5	6.7	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	630	ND<5.0	ND<5.0	ND<15.0	66.2	80.7	5,820	69	5.64	3,200			
MW-14	12/26/2002	173.23	74.81	98.42	ND<2.5	7.5	ND<2.5	6.7	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	530	ND<5.0	ND<5.0	ND<15.0	46.8	253	3,460	140	5.76	2,400			
MW-14	3/27/2003	173.23	75.51	97.72	ND<2.5	8.0	ND<2.5	7.4	5.3	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	550	ND<5.0	ND<5.0	ND<15.0	34.9	34.8	2,250	25	5.86	2,000		
MW-14	7/23/2003	173.23	75.92	97.31	ND<2.5	6.8	ND<2.5	6.6	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	560	ND<5.0	ND<5.0	ND<15.0	43.7	238	3,100	520	5.66	2,900			
MW-14	9/18/2003	173.23	75.35	97.88	ND<2.5	6.5	ND<2.5	7.2	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	520	ND<5.0	ND<5.0	ND<15.0	50.4	111	3,910	41	5.78	2,600			
MW-14	12/31/2003	173.23	74.70	98.53	ND<2.5	6.2	ND<2.5	5.3	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	560	ND<5.0	ND<5.0	ND<15.0	ND<5.0	423	3,340	680	5.86	2,300			
MW-14	3/1/2004	173.23	73.70	99.53	ND<2.5	5.9	ND<2.5	6.2	ND<5.0	ND<50	ND<5.0	ND<5.0	NA	420												

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					Benzene	Chloroform	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	Naphthalene	PCE	Toluene	TCE	1,2,4-TMB	1,3,5-TMB	Total Xylenes	Arsenic	Cadmium	Lead	Zinc	Turbidity	pH	Sulfate		
PW-1	5/25/1999	NA	NA	NA	1.3	ND<0.5	ND<0.5	7.5	ND<0.5	NA	1.9	ND<0.5	NA	9.1	2.1	ND<0.5	2.9	ND<250	116	ND<250	27,200	310	3.05	4,410		
PW-1	9/2/1999	NA	NA	NA	2	ND<0.5	ND<0.5	10	ND<0.5	NA	4.6	ND<0.5	NA	12	ND<0.5	1.2	5.2	6.8	74	ND<50	1,700	1.3	2.90	3,200		
PW-1	11/30/1999	NA	NA	NA	2.7	1.0	ND<0.5	5.9	ND<0.5	NA	ND<2	ND<0.5	NA	48	1.7	0.65	3.1	ND<5	89	18	26,000	20	3.8	3,500		
PW-1	3/10/2000	NA	NA	NA	1.6	0.68	0.9	9.3	ND<0.5	NA	3	2.1	NA	23	2.5	0.63	5.4	ND<2	110	82	22,000	390	3.25	4,100		
PW-1	6/9/2000	NA	NA	NA	21	ND<0.5	0.2	10	ND<0.5	NA	2.8	ND<0.5	NA	14	3.0	0.52	17.4	ND<5	130	ND<5	17,000	18	3.4	3,400		
PW-1	8/25/2000	NA	NA	NA	25	ND<0.5	0.75	7.4	ND<0.5	NA	3.3	ND<0.5	NA	12	3.5	0.75	25	ND<20	110	36	19,000	19	3.0	4,300		
PW-1	11/16/2000	NA	NA	NA	340	ND<0.5	ND<0.5	11	ND<0.5	NA	ND<2	ND<0.5	NA	13	15	2.8	141	ND<5	160	ND<5	34,000	600	3.56	5,500		
PW-1	3/13/2001	NA	NA	NA	3.4	ND<0.5	ND<0.5	15	ND<0.5	NA	ND<2	ND<0.5	NA	25	4.7	1.0	17.6	9.3	120	7.8	21,000	27.3	3.58	5,100		
PW-1	6/1/2001	NA	NA	NA	4.3	1.2	1.0	20	ND<0.5	NA	5.6	26	NA	120	6.5	1.4	17.4	34	130	16	20,000	22	3.29	5,500		
PW-1	8/16/2001	NA	NA	NA	3	ND<0.5	0.87	13	ND<0.5	NA	6	ND<0.5	NA	20	6.7	1.5	113	30	130	12	20,000	2.3	3.11	3,900		
PW-1	12/4/2001	NA	NA	NA	63	0.96	0.53	16	ND<0.5	NA	2.8	35	NA	44	5.3	1.3	36	ND<5	130	15	21,000	58	3.72	3,700		
PW-1	3/25/2002	175.94	75.21	100.73	4.6	ND<0.5	0.82	10	ND<0.5	2.4	5.6	ND<0.5	NA	16	5.8	1.2	101	ND<5	120	30	21,000	130	2.95	4,500		
PW-1	6/5/2002	175.94	75.37	100.57	2.9	ND<1.0	0.85	15	ND<1.0	1.8	ND<10	ND<1.0	NA	18	4.7	ND<1.0	7.2	ND<15.0	128	13.8	32,900	6.8	2.89	3,500		
PW-1	9/20/2002	175.94	75.86	100.08	4.0	ND<1.0	0.68	16	ND<1.0	2.4	ND<10	ND<1.0	ND<1.0	18	6.6	1.1	10.0	ND<15.0	120	127	29,400	42	3.03	3,600		
PW-1	12/26/2002	175.94	76.58	99.36	3.3	ND<1.0	ND<0.50	14	ND<1.0	2.1	ND<10	ND<1.0	ND<1.0	14	5.1	ND<1.0	7.9	ND<15.0	120	ND<10	30,500	240	3.08	3,400		
PW-1	3/27/2003	175.94	76.85	99.09	3.4	ND<1.0	0.81	13	ND<1.0	2.3	ND<10	ND<1.0	ND<1.0	19	5.6	1.1	8.8	ND<15.0	126	186	31,300	13	3.12	3,100		
PW-1	7/23/2003	175.94	78.07	97.87	3.7	ND<1.0	0.64	13	ND<1.0	2.4	ND<10	ND<1.0	ND<1.0	17	6.1	1.1	9.7	ND<15.0	161	113	31,400	88	3.32	3,400		
PW-1	9/18/2003	175.94	78.11	97.83	5.7	ND<1.0	ND<0.50	19	ND<1.0	4.0	17	ND<1.0	ND<1.0	22	11	2.1	16	ND<15.0	157	131	33,200	29	3.39	3,200		
PW-1	12/31/2003	175.94	78.09	97.85	4.5	ND<1.0	0.81	15	ND<1.0	2.8	ND<10	2.3	ND<1.0	16	6.9	1.4	11.2	63.0	160	207	29,600	130	3.57	3,300		
PW-1	3/11/2004	175.94	78.25	97.69	5.9	ND<1.0	ND<0.50	20	ND<1.0	3.4	13	ND<1.0	ND<1.0	22	9.4	1.8	14.9	ND<15.0	196	25.5	32,100	150	3.45	3,300		
PW-1	6/28/2004	175.94	78.36	97.58	6.1	ND<5	ND<5	19	ND<5	4.7 J	12	ND<5	ND<5	23	12	2.5 J	19	ND<5	142	31	22,400	21.5	3.31	4,900		
PW-1	8/30/2004	175.94	78.45	97.49	6.8	ND<5	ND<5	24	ND<5	5.3	12.1	ND<5	ND<5	25	11	ND<5	21	16	155	ND<5	22,500	5.67	3.51	5,640		
PW-1(Dup.)	8/30/2004	175.94	78.45	97.49	6.3	ND<5	ND<5	23	ND<5	4.7 J	11	ND<5	ND<5	24	10	ND<5	18	15	147	161	23,500	15.4	6.38	5,580		
PW-2	8/19/1996	NA	NA	NA	ND<2.0	16	ND<2.0	3.5	ND<2.0	NA	ND<2.0	ND<2.0	NA	2,000	ND<2.0	ND<2.0	ND<2.0	ND<10	37	ND<5	4,000	9.2	7.9	4,300		
PW-2	5/28/1997	NA	NA	NA	ND<0.5	31	ND<0.5	2.6	ND<0.5	NA	ND<0.5	1.9	NA	2,200	ND<0.5	ND<1.0	ND<2.0	ND<10	45	636	10	7.32	3,410			
PW-2	8/8/1997	NA	NA	NA	27	40	ND<0.5	3.1	ND<0.5	NA	ND<0.5	1.1	NA	1,800	1.5	ND<0.5	4.5	ND<2	82	ND<5	21,300	320	5.44	3,690		
PW-2	11/7/1997	NA	NA	NA	ND<0.5	28	ND<0.5	3.6	0.99	NA	ND<0.5	1.0	NA	1,600	ND<0.5	ND<0.5	ND<1	ND<250	ND<20	ND<100	1,030	5.3	6.40	3,840		
PW-2	3/4/1998	NA	NA	NA	ND<0.5	33	ND<0.5	2.6	ND<0.5	NA	ND<0.5	1.1	NA	880	ND<0.5	ND<0.5	ND<1.0	ND<250	ND<20	ND<100	780	3.0	6.97	3,470		
PW-2	6/18/1998	NA	NA	NA	ND<0.5	56	ND<0.5	2.6	ND<0.5	NA	ND<0.5	1.7	NA	1,200	ND<0.5	ND<0.5	ND<1.0	ND<250	ND<50	ND<50	50	4.0	6.80	1,400		
PW-2	9/22/1998	NA	NA	NA	ND<40	57	ND<40																			

DATE PLOTTED: 7/26/04 1=1



LEGEND

- PW-1  
97.49 APPROXIMATE LOCATION OF MONITORING WELL SHOWING GROUNDWATER ELEVATION IN FEET
- NM NOT MEASURED
- 100 — GROUNDWATER ELEVATION CONTOUR IN FEET AMSL
- APPROXIMATE SITE BOUNDARY

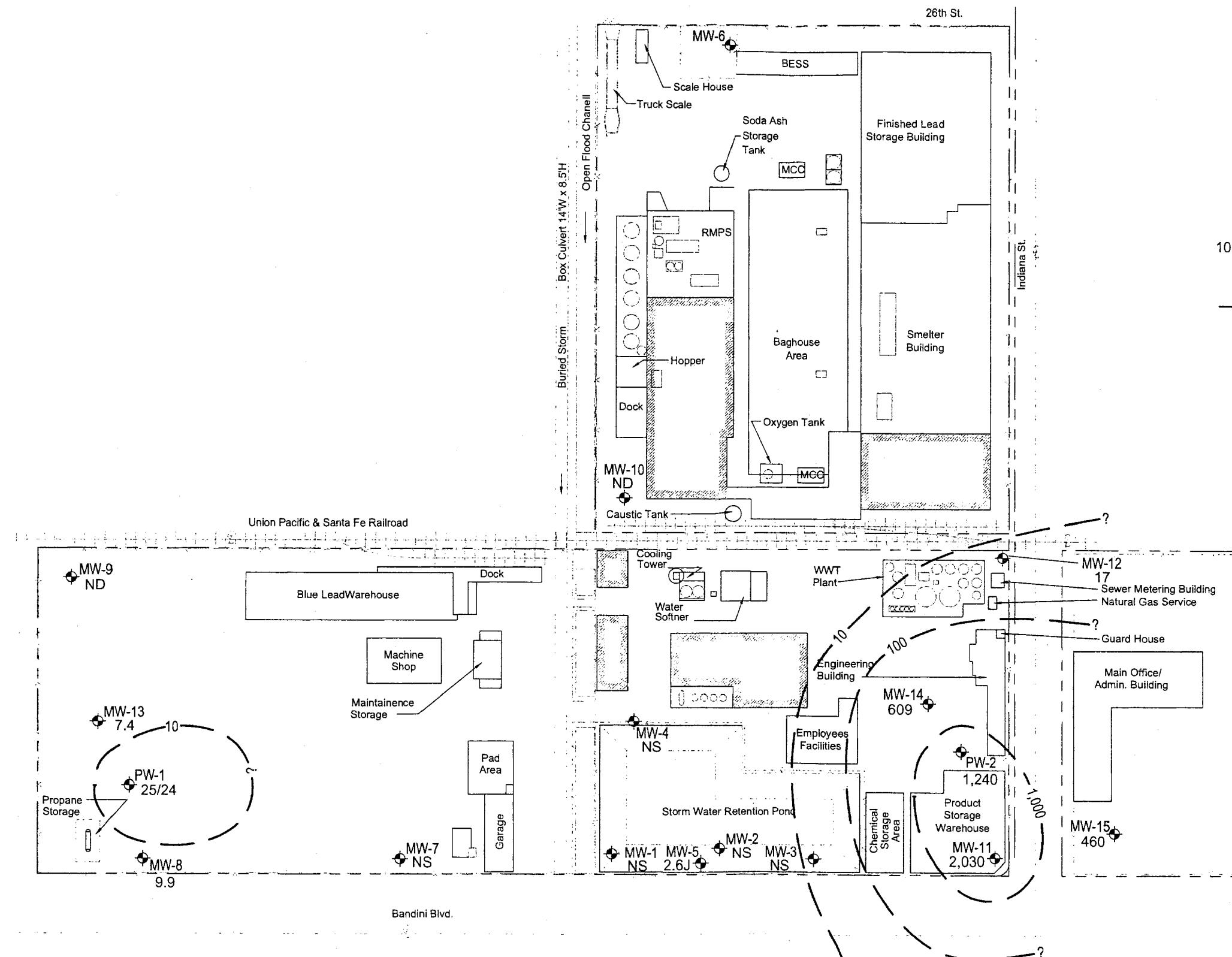
FIGURE NO.  
2

PROJECT NO.  
630604-0032

MACTEC  
DWG BY  
MY  
DATE  
09/20/04  
REV BY  
REVISED  
2171 CAMPUS DRIVE, SUITE 100  
IRVINE, CA 92612

GROUNDWATER ELEVATION  
CONTOUR MAP (AUGUST 2004)  
EXIDE TECHNOLOGIES FACILITY  
2700 South Indiana Street  
Los Angeles, CA.

DATE PLOTTED: 10/6/04 1:1



LEGEND

PW-2  
1,240 APPROXIMATE LOCATION OF MONITORING WELL SHOWING TRICHLOROETHENE (TCE) CONCENTRATIONS IN MICROGRAMS PER LITER ( $\mu\text{g}/\text{L}$ )

NS NOT SAMPLED

ND NOT DETECTED

100 — LINE OF ESTIMATED EQUAL TCE CONCENTRATION IN  $\mu\text{g}/\text{L}$

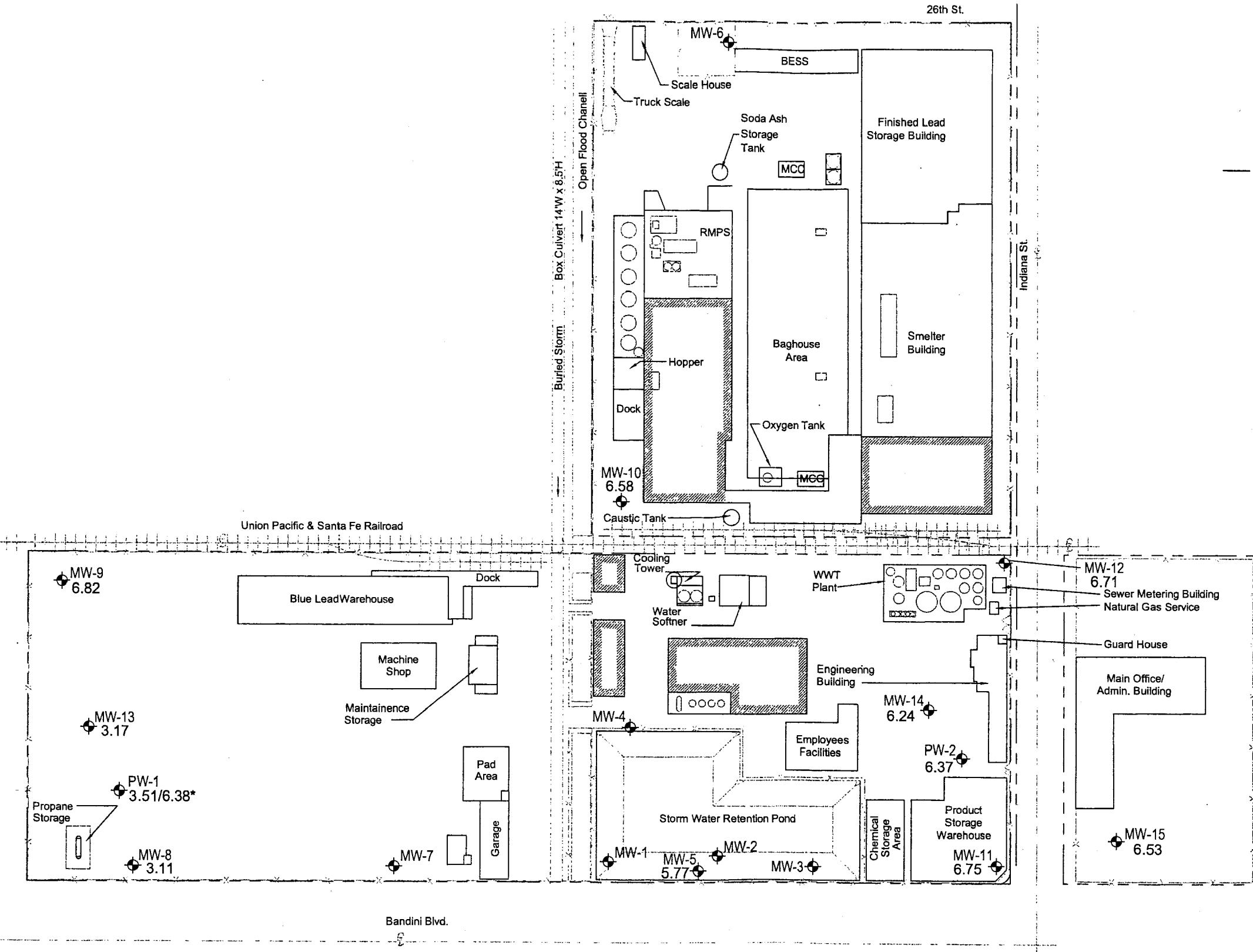
— APPROXIMATE SITE BOUNDARY

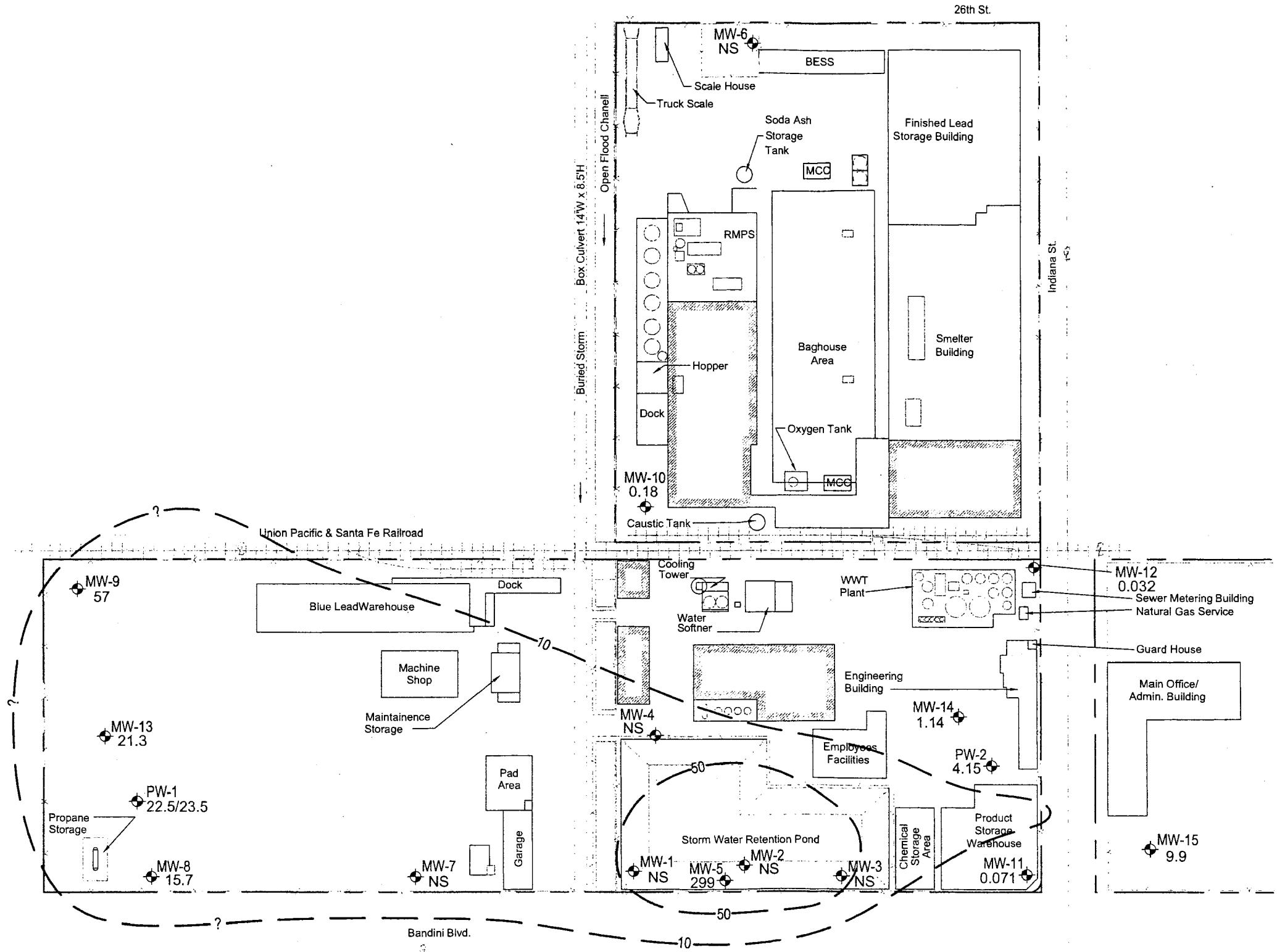
SCALE:  
1"=120'  
Scale 0 60 120 feet

MACTEC  
DWG BY MY  
DATE 09/20/04  
REV BY [Signature]  
REvised  
2171 CAMPUS DRIVE, SUITE 100  
IRVINE, CA 92612

SITE MAP SHOWING TCE CONCENTRATIONS IN GROUNDWATER (AUGUST 2004)  
EXIDE TECHNOLOGIES FACILITY  
2700 South Indiana Street  
Los Angeles, CA.

FIGURE NO.  
**3**  
PROJECT NO.  
630604-0032





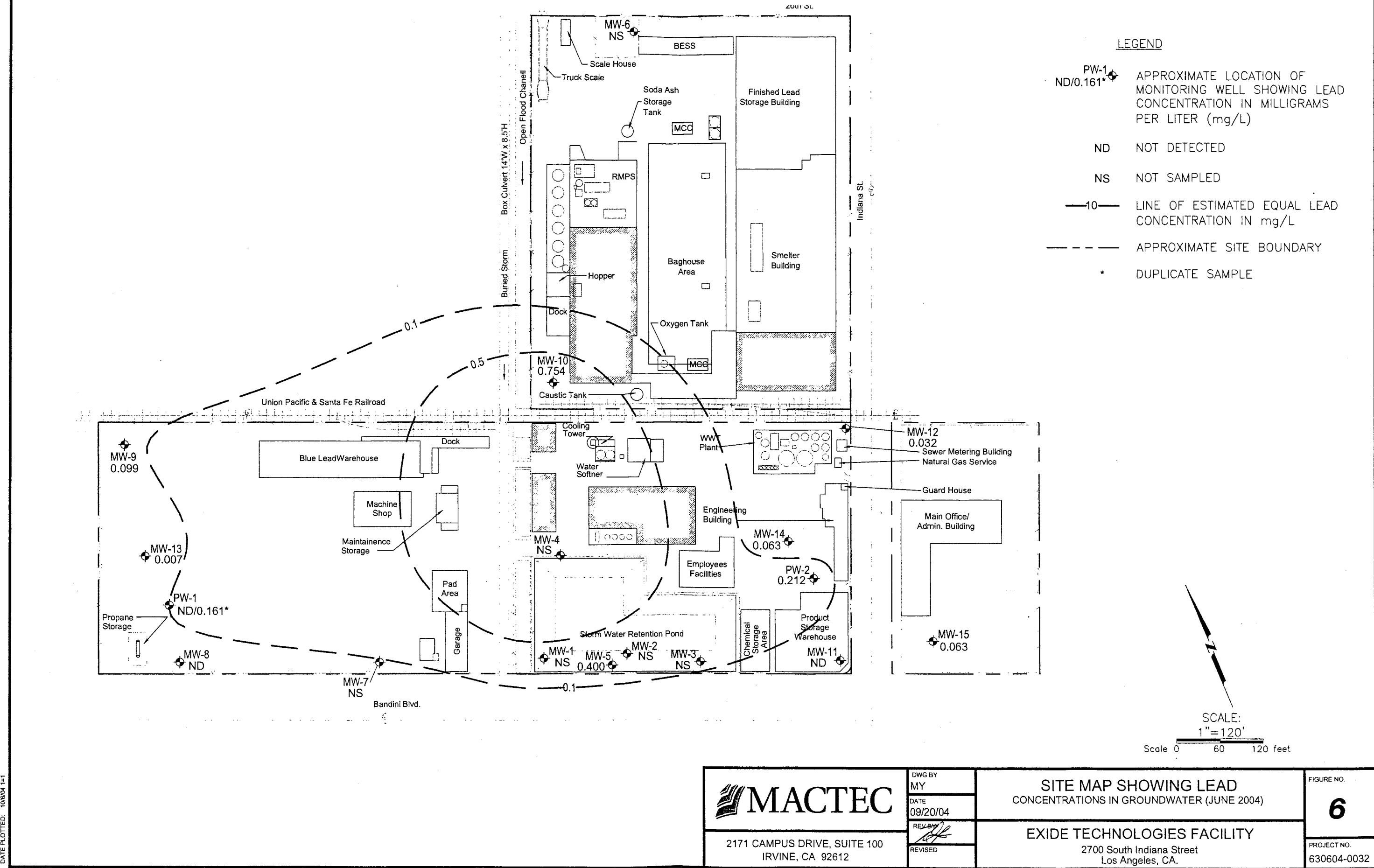
SCALE:  
1"=120'  
Scale 0 60 120 feet



**SITE MAP SHOWING ZINC CONCENTRATIONS IN GROUNDWATER (AUGUST 2004)**

**EXIDE TECHNOLOGIES FACILITY**  
2700 South Indiana Street  
Los Angeles, CA.

**FIGURE NO.**  
**5**  
**PROJECT NO.**  
630604-0032



DWG BY	MY
DATE	09/20/04
REV BY	
REVISED	

**SITE MAP SHOWING LEAD CONCENTRATIONS IN GROUNDWATER (JUNE 2004)**  
**EXIDE TECHNOLOGIES FACILITY**  
2700 South Indiana Street  
Los Angeles, CA.

**FIGURE NO.**  
**6**  
**PROJECT NO.**  
630604-0032



**DRAINAGE CHANNEL SEDIMENT SAMPLING REPORT  
FOR  
VERNON EXIDE SMELTER**

*Prepared For:*

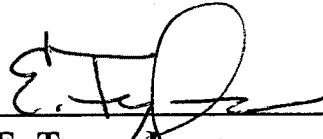
**EXIDE TECHNOLOGIES, INC.**

*Prepared By:*

**ADVANCED GEOSERVICES CORP.  
West Chester, Pennsylvania**

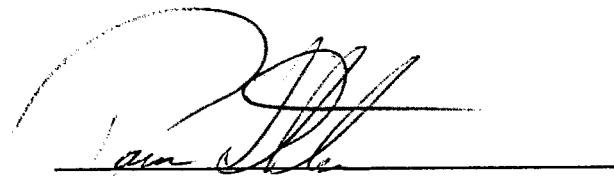
**Project No. 2002-967-02  
October 27, 2004**

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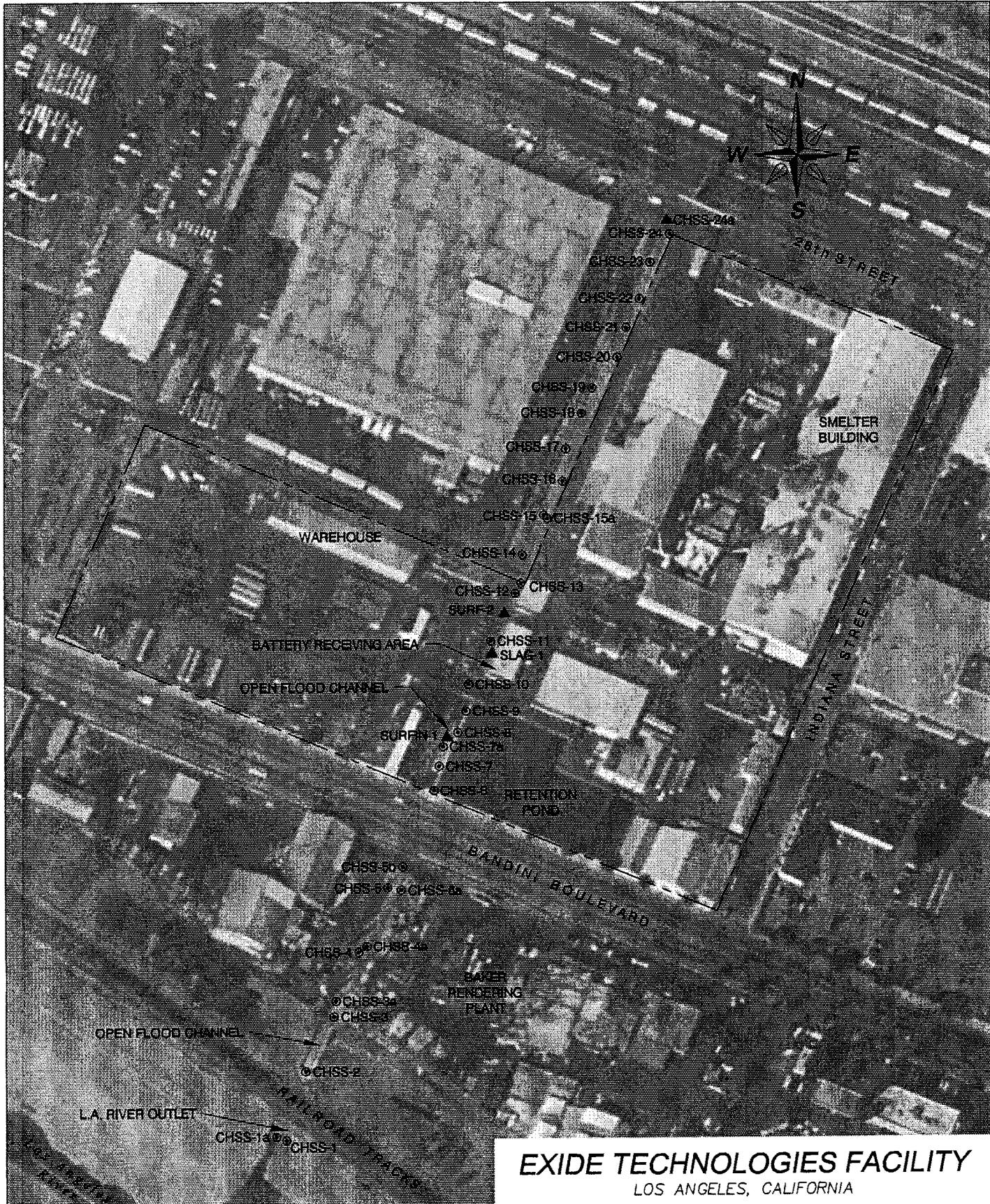


E. Terry Jensen  
Registered Geologist  
R.G. No. 4318

---



Paul G. Stratman  
Civil Engineer  
P.E. No. C 61595



## EXIDE TECHNOLOGIES FACILITY LOS ANGELES, CALIFORNIA

**REFERENCE:**  
2004 GLOBEXPLORER, AIRPHOTOUSA.

**LEGEND**  
① CHSS-1 LOCATED BY GPS SURVEY

▲ SLAG-1 ESTIMATED LOCATION

0 50 100 200

SCALE: FEET

J:\EXIDE\DRAWINGS\2002-967-05\2002-967-05-01

Scale:  
1=200'  
Originated By:  
E.T.J.

Drawn By:  
P.S.C.

Checked By:  
E.T.J.

Project Mgr:  
E.T.J.

Dwg No.  
2002-967-05-01

Project No.  
Oct 27 2004

SEDIMENT SAMPLE LOCATION



Advanced GeoServices Corp.  
1055 Andrew Drive, Suite A  
West Chester, Pennsylvania 19380  
(610) 840-9100  
FAX: (610) 840-9199

Project No.  
2002-967-05

FIGURE: 2



**Table 2 - DTSC Metal Sampling Results**

**EXIDE VERNON SMELTER**

Vernon, California

Calscience Environmental Laboratories, Inc. SDG 04-08-1604, Project No. 2002-967-03

Sample ID#	Antimony	Arsenic	Cadmium	Chromium	Copper	Lead	Zinc
SLAG-1	1,500	190	ND	100	20,000	53,000	3,700
SURF1M-1	100	85	19	63	240	14,000	1,600
SURF-2	5,500	1,700	34	34	2,200	53,000	2,000
CHSS-1A	21	15	ND	29	120	2,000	430
CHSS-2A	2.3	3.2	ND	5.3	13	410	210
CHSS-3A	2.3	3.5	ND	5.3	11	350	320
CHSS-4A	2.3	3.5	ND	6.5	20	340	280
CHSS-5A	2.4	4.6	ND	6.8	16	390	190
CHSS-6	16	ND	ND	ND	21	930	270
CHSS-12	22	14	ND	16	44	3,000	350
CHSS-13	440	160	ND	ND	240	47,000	500
CHSS-15A	680	160	ND	ND	400	56,000	840
CHSS-24A	ND	3.3	ND	7.4	16	230	130
PRGs	410	260	450	450	41,000	750	100,000

All concentrations in mg/kg

"A" samples indicate DTSC samples.

ND - below detection limit

Shaded area are concentrations that exceed PRGs.

## **Table 1 - AGC Metal Sampling Results EXIDE VERNON SMELTER**

Veron, California  
science Environmental Laboratories, Inc. SDG 04-08-1604, Project No. 2002-967-03

SAMPLE ID	CHSS-1	CHSS-2	CHSS-3	CHSS-4	CHSS-5	CHSS-6	CHSS-7	CHSS-8	CHSS-9	CHSS-10	CHSS-11	CHSS-12	CHSS-13	CHSS-14	CHSS-15	CHSS-16	CHSS-17	CHSS-18	CHSS-19	
LAB ID	04-08-1604-1	04-08-1604-2	04-08-1604-3	04-08-1604-4	04-08-1604-5	04-08-1604-6	04-08-1604-7	04-08-1604-8	04-08-1604-9	04-08-1604-10	04-08-1604-11	04-08-1604-12	04-08-1604-13	04-08-1604-14	04-08-1604-15	04-08-1604-16	04-08-1604-17	04-08-1604-18	04-08-1604-19	
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
REMARKS																				
PRGs	PARAMETER	UNITS	RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL
	SEMOVOLATILES					RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL	RESULT	Q	RL
N-Nitrosodimethylamine	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Aniline	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Phenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Bis(2-Chloroethyl) Ether	mg/kg	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	
2-Chlorophenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
1,3-Dichlorobenzene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
1,4-Dichlorobenzene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Benzyl Alcohol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
1,2-Dichlorobenzene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2-Methylphenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Bis(2-Chloroisopropyl) Ether	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
3,4-Methylphenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
N-Nitroso-di-n-propylamine	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Hexachloroethane	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Nitrobenzene	mg/kg	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	
Isophorone	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2-Nitrophenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2,4-Dimethylphenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Benzoic Acid	mg/kg	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	
Bis(2-Chlorooxy) Methane	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2,4-Dichlorophenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
1,2,4-Trichlorobenzene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Naphthalene	mg/kg	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	
4-Chloronaniline	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Hexachloro-1,3-butadiene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
4-Chloro-3-methylphenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2-Methylnaphthalene	mg/kg	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	
1-Methylnaphthalene	mg/kg	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	
Hexachlorocyclopentadiene	mg/kg	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	
2,4,5-Trichlorophenol	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2-Chloronaphthalene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2-Nitroaniline	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Dimethylphthalate	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Acenaphthylene	mg/kg	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	
3-Nitroaniline	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Acenaphthene	mg/kg	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	
2,4-Dinitrophenol	mg/kg	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	
4-Nitrophenoxy	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Dibenzofuran	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2,4-Dinitrotoluene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2,6-Dinitrotoluene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Diethylphthalate	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
4-Chlorophenylphenylether	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Fluorene	mg/kg	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	
4-Nitraniline	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Azobenzene	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
4,6-Dinitro-2-methylphenol	mg/kg	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	
N-Nitrosodiphenylamine	mg/kg	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
2,4,6-Trichlorophenol	mg/kg																			

The USEPA Region 9 PRGs are based on Direct Contact Exposure Pathways. In California, USEPA

**Exposure Pathway - Industrial Soil - mg/kg (10/2002)**

Shading indicates exceedance of the USEPA Region 9 PRG